AMENDMENTS TO THE CLAIMS

- 1-3. (Cancelled).
- 4. (Currently Amended) A pellicle comprising a pellicle film made of a first-fluorinecontaining polymer and a pellicle frame for supporting the pellicle film, wherein

the pellicle film is adhered to the pellicle frame through an adhesive layer comprising a second-fluorine-containing polymer and a substance resulting from curing of an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer is at least one kind of monomer selected from the group consisting of general formulas (1), (2) and (3):

$$C H_2 = C - C O_2 - (C R^2 H)_1 - R f \cdots (1)$$

$$R^1$$

$$C H_2 = C - C O_2 - (C R^2 H)_m - R f - (C R^3 H)_n - C O_2 - C = C H_2$$
 I
 R^4
...(2)

$$C H_2 = C - C O_2 - (C R^2 H)_m - C H - (C R^3 H)_n - R f \cdots (3)$$
 $| C H_2 = C - C O_2 - (C R^2 H)_m - C H - (C R^3 H)_n - R f \cdots (3)$
 $| C H_2 = C - C O_2 - (C R^2 H)_m - C H - (C R^3 H)_n - R f \cdots (3)$

wherein R¹ and R⁴ each independently representing hydrogen or a methyl group, R² and R³ each independently representing hydrogen or a hydroxyl group, Rf is a fluorine-containing

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group, and 1, m and n each are an integer of 1 to 8, and the second-fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):

$$-C_2F_4$$
- ...(4)

$$-C_3H_6-$$
 ...(5)

$$-C_2H_2F_2-$$
 ...(6).

5. (Currently Amended) A method for producing a pellicle including a pellicle film made of a first-fluorine-containing polymer and a pellicle frame for supporting the pellicle film, comprising

adhering the pellicle film to the pellicle frame through an adhesive comprising a second-fluorine-containing polymer and an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer is at least one kind of monomer selected from the group consisting of general formulas (1), (2) and (3):

$$C H_2 = C - C O_2 - (C R^2 H)_1 - R f \cdots (1)$$
 R^3

$$C H_2 = C - C O_2 - (C R^2 H)_m - R f - (C R^3 H)_n - C O_2 - C = C H_2$$
 I
 R^4

...(2)

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wherein R¹ and R⁴ each independently representing hydrogen or a methyl group, R² and R³ each independently representing hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and l, m and n each are an integer of 1 to 8, and the second-fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):

$$-C_2F_4-$$
 ...(4)

$$-C_3H_6$$
- ...(5)

$$-C_2H_2F_2-$$
 ...(6).

- 6. (Cancelled).
- 7. (Currently Amended) The pellicle as recited in claim 4, wherein the second-fluorine-containing polymer of said adhesive is a copolymer comprising structural units represented by formula (7):

$$-(C_2F_4)_a-(C_3H_6)_b-(C_2H_2F_2)_c-...(7)$$

wherein each of a, b and c is a positive integer.

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8. (Currently Amended) The method as recited in claim 5, wherein the second-fluorine-

containing polymer of said adhesive is a copolymer comprising structural units represented by

formula (7):

$$-(C_2F_4)_a-(C_3H_6)_b-(C_2H_2F_2)_c-...(7)$$

wherein each of a, b and c is a positive integer.

9. (Cancelled).

10. (Currently Amended) The pellicle as recited in claim 4, wherein the ratio between

the second fluorine-containing polymer of said adhesive and the ultraviolet-curing fluorine-

containing monomer contained in the adhesive layer is second—fluorine-containing

polymer:ultraviolet-curing fluorine-containing monomer = 1:0.25 to 0.5 (weight ratio) in

the case of monoacrylate fluorine-containing monomer represented by general formula (2);

and second-fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 1:

0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by

general formula (3) or (4).

11. (Currently Amended) The method as recited in claim 5, wherein the ratio between

the second-fluorine-containing polymer of said adhesive and the ultraviolet-curing fluorine-

containing monomer contained in the adhesive is second—fluorine-containing

polymer:ultraviolet-curing fluorine-containing monomer = 1: 0.25 to 0.5 (weight ratio) in

the case of monoacrylate fluorine-containing monomer represented by general formula (2);

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and second-fluorine-containing polymer:ultraviolet-curing fluorine-containing monomer = 1: 0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3) or (4).

12. (Cancelled).

13. (Previously Presented) The pellicle as recited in claim 4, wherein the ultravioletcuring fluorine-containing monomer represented by general formula (1) is at least one selected from the group consisting of:

$$C H_2 = C H - C O_2 - C H_2 - C H - C H_2 (C F_2)_3 C F_3$$

$$I$$

$$O H$$

$$C H_2 = C - C O_2 - C H_2 - C H_2 (C F_2)_7 C F_3$$

$$I$$

$$C H_3$$

$$C H_2 = C - C O_2 - C H_2 - C H_2 (C F_2)_3 C F_3$$

$$I$$

$$C H_3$$

$$C F_3$$
 $C H_2 = C - C O_2 - C H_2 - C H - C H_2 (C F_2)_2$
 $C H_3$
 $C H_3$
 $C H_3$
 $C H_3$
 $C H_3$

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$$C H_2 = C - C O_2 - C H_2 - (C F_2)_3 C F_2 H$$

$$C H_3$$

 CH_2 =CH- CO_2 - CH_2 - CH_2 - $(CF_2)_9CF_3$

$$C F_3$$
 $C H_2 = C H - C O_2 - C H_2 - C H_2 (C F_2)_8 C F$
 $C F_3$

CH₂=CH-CO₂-CH₂(CF₂)₄CH₂OH

$$C H_2 = C H - C O_2 - C H_2 - C F - O (C F_2)_4 C F_3$$

$$| C F_3$$

 $CH_2 = CH - CO_2 - (CH_2)_6 - (CF_2)_5 CF_3$

 $CH_2=CH-CO_2-CH_2-(CF_2)_5CF_2H$

 $CH_2=CH-CO_2-(CH_2)_6(CF_2)_3CF_3$ and

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OH
$$C F_{2}$$

$$C H_{2} = C H - C O_{2} - C H_{2} - C H - C H_{2} (C F_{2})_{8} C F$$

$$C F_{3}$$

14. (Previously Presented) The method as recited in claim 5, wherein the ultravioletcuring fluorine-containing monomer represented by general formula (1) is at least one selected from the group consisting of:

$$C H_2 = C H - C O_2 - C H_2 - C H - C H_2 (C F_2)_3 C F_3$$

$$I$$

$$O H$$

$$C H_2 = C - C O_2 - C H_2 - C H_2 (C F_2)_7 C F_3$$

$$I$$

$$C H_3$$

$$C H_2 = C - C O_2 - C H_2 - C H_2 (C F_2)_3 C F_3$$

$$I$$

$$C H_3$$

$$C F_{1}$$
 $C H_{2} = C - C O_{2} - C H_{2} - C H - C H_{2} (C F_{2}),$
 $C H_{3}$
 $C H_{3}$
 $C H_{4}$
 $C H_{5}$
 $C H_{5}$

$$C F_3$$

$$C H_2 = C - C O_2 - C H$$

$$C H_3$$

$$C F_3$$

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$$C H_2 = C - C O_2 - C H_2 - (C F_2)_3 C F_2 H$$

$$C H_3$$

CH₂=CH-CO₂-CH₂-CH₂-(CF₂)₉CF₃

$$CF_3$$
 $CH_2 = CH - CO_2 - CH_2 - CH_2(CF_2)_8CF$
 CF_3

CH₂=CH-CO₂-CH₂(CF₂)₄CH₂OH

$$C H_2 = C H - C O_2 - C H_2 - C F - O (C F_2)_4 C F_3$$

CH₂=CH-CO₂-(CH₂)₆-(CF₂)₅CF₃

$$C H_2 = C H - C O_2 - C H_2 - C F - O - C F_2 - C F - O - (C F_2)_4 C F_3$$

$$I$$

$$C F_3$$

$$C F_3$$

CH₂=CH-CO₂-CH₂-(CF₂)₅CF₂H

CH₂=CH-CO₂-(CH₂)₆(CF₂)₃CF₃ and

15. (Cancelled).

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16. (Previously Presented) The pellicle as recited in claim 4, wherein the ultravioletcuring fluorine-containing monomer represented by general formula (2) is at least one selected from the group consisting of:

$$CH_2=CH-CO_2-CH_2-(CF_2)_4-CH_2-CO_2-CH=CH_2$$

$$CH_2=CH-CO_2-CH_2-(CF_2)_6-CH_2-CO_2-CH=CH_2$$

$$CH_2=CH-CO_2-CH_2-(CF_2)_8-CH_2-CO_2-CH=CH_2$$

$$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$$

(n and m are respectively 1 to 3)

$$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-C(CH_3)=CH_2$$
(n and m are respectively 1 to 3) and

$$CH_2$$
= CH - CO_2 - $CH(OH)$ - $(CF_2)_4$ - $(CH)_n$ - CO_2 - CH = CH_2

(n is 1 to 3).

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17. (Previously Presented) The method as recited in claim 5, wherein the ultravioletcuring fluorine-containing monomer represented by general formula (2) is at least one selected from the group consisting of:

$$CH_2=CH-CO_2-CH_2-(CF_2)_6-CH_2-CO_2-CH=CH_2$$

$$CH_2$$
= CH - CO_2 - $(CH_2)_n$ - $(CF_2)_4$ - $(CH_2)_m$ - CO_2 - CH = CH_2
(n and m are respectively 1 to 3)

$$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$$

(n and m are respectively 1 to 3)

$$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-C(CH_3)=CH_2$$
 (n and m are respectively 1 to 3) and

$$CH_2$$
= CH - CO_2 - CH (OH)- $(CF_2)_4$ - $(CH)_n$ - CO_2 - CH = CH_2
(n is 1 to 3).

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18. (Cancelled).

19. (Previously Presented) The pellicle as recited in claim 5, wherein the ultravioletcuring fluorine-containing monomer represented by general formula (3) is at least one selected from the group consisting of:

$$C H_2 = C H - C O_2 - (C H_2) - C H - (C H_2) - (C F_2)_3 C F_3$$

$$I$$

$$O_2 C - C H = C H_2$$

$$C H_2 = C H - C O_2 - (C H_2) - C H - (C H_2) - (C F_2)_5 C F_3$$

$$I$$

$$O_2 C - C H = C H_2$$

$$C H_2 = C H - C O_2 - (C H_2) - C H - (C H_2) - (C F_2)_7 C F_3$$

$$I$$

$$O_2 C - C H = C H_2$$

$$C H_2 = C H - C O_2 - (C H_2)_n - C H - (C H_2)_m - (C F_2)_3 C F_3$$

$$| O_2 C - C H = C H_2$$
(n and m are respectively 1 to 3)

and

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$$C H_2 = C H - C O_2 - (C H_2)_n - C H - (C H_2)_m - (C F_2)_3 C F_3$$

$$| O_2 C - C (C H_3) = C H_2$$
(n and m are respectively 1 to 3)

20. (Previously Presented) The method as recited in claim 5, wherein the ultravioletcuring fluorine-containing monomer represented by general formula (3) is at least one selected from the group consisting of:

$$C H_2 = C H - C O_2 - (C H_2) - C H - (C H_2) - (C F_2)_3 C F_3$$

$$I$$

$$O_2 C - C H = C H_2$$

$$C H_2 = C H - C O_2 - (C H_2) - C H - (C H_2) - (C F_2)_5 C F_3$$

$$I$$

$$O_2 C - C H = C H_2$$

$$C H_2 = C H - C O_2 - (C H_2) - C H - (C H_2) - (C F_2)_7 C F_3$$

$$| O_2 C - C H = C H_2$$

$$C H_2 = C H - C O_2 - (C H_2)_n - C H - (C H_2)_m - (C F_2)_3 C F_3$$

$$| O_2 C - C H = C H_2$$
(n and m are respectively 1 to 3)

and

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$$C H_{2} = C H - C O_{2} - (C H_{2})_{n} - C H - (C H_{2})_{m} - (C F_{2})_{3} C F_{3}$$

$$| O_{2} C - C (C H_{3}) = C H_{2}$$

$$(n \text{ and m are respectively 1 to 3})$$

21. (Cancelled).